ABSTRACT

A controller for an electric machine. The controller includes a first voltage input that directly provides a first voltage to the electric machine, a second voltage input configured to receive a second voltage, and an inverter coupled to the second voltage input. The inverter is configured to be activated by the second voltage, to frequency-regulate the second voltage to generate a frequency-regulated voltage, and to provide the frequency-regulated voltage to the electric machine.

10

5

T:\clienta\010121\9911\A0642704.1